

### REMARKS/ARGUMENTS

Reconsideration of this patent application is respectfully requested in view of the foregoing amendments, and the following remarks. Claims 1, 5, 7 and 8 have been amended. No new matter has been added.

The Examiner objected to the drawings, stating that the features of claim 9 are not shown. Applicants submit that the oil groove 9 is shown in FIG. 1 and described in the specification on page 5, last paragraph.

The Examiner objected to claims 1, 5, and 8 for informalities. Applicants have amended claims 1, 5 and 8 accordingly.

The Examiner rejected claims 7 and 8 under 35 U.S.C. §112. Claim 7 has been amended to further clarify the invention. Applicants have amended claim 8 to delete the broader range of limitations.

The Examiner rejected claims 1-3, 5 and 6 under 35 U.S.C. 102(b) as being anticipated by *Schmidt DE 7605527*. Claims 4 and 9 are rejected under 35 U.S.C. 103 (a) as being unpatentable over *Schmidt* in view of *Ueshima et al. U.S. Patent No. 6,279,456*. Applicants respectfully traverse. Claim 1 has been amended to clarify that the highly oval mantle surface extends over the region delimited by the pin boss equator-pin boss zenith-pin boss equator. Support for this amendment can be found in FIG. 2.

*Schmidt* shows only a small gap or slit 11 between the pin bore 4 and a bush bearing 10 which extends just a few millimeters into the direction of the pin axis. Furthermore, Fig. 6 clearly shows that the gap or slit 22 extends from the apex of the pin bore 4 only about 45 degrees on both sides.

In contrast, the present invention comprises a highly oval design which extends nearly over the complete length of the pin bore 2 and extends from hub equator via hub zenith to hub equator, i. e. about 180 degrees. This highly oval mantle line 3 starts between the securing nut 8 and the oil channel or groove 9 and ends in the area of the inner ends 7 of the pin bores 2.

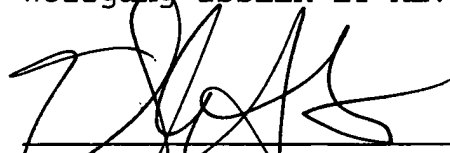
*Schmidt* says nothing about a highly oval mantle surface. *Schmidt* mentions only a small gap or slit. Accordingly, Applicants submit that claims 1-3, 5 and 6 are patentable over *Schmidt*.

*Ueshima* describes a recessed portion 15 which is arranged to remove an annular clip 13 out of a circumferential groove 14 more easily. *Ueshima* shows a small groove 12 within the pin bore, which is located axially to the axis of the pin bore in order to reduce stress on the piston pin 10.

*Ueshima* also does not disclose a highly oval mantle surface as claimed in claims 1-9. The features of a highly oval mantle surface extending to the inner ends of the pin bores 2 is not taught in either *Schmidt* or *Ueshima*, nor from a combination of the two.

Accordingly, Applicants submit that claims 1-9 are patentable over the cited references, taken either singly or in combination. Early allowance of the amended claims is respectfully requested.

Respectfully submitted,  
Wolfgang ISSLER ET AL.

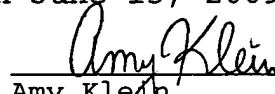


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Amy Klein

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